

**To:** Guria, Peter[Guria.Peter@epa.gov]; Tenley, Clancy[Tenley.Clancy@epa.gov]; Zito, Kelly[ZITO.KELLY@EPA.GOV]; Gray, David[gray.david@epa.gov]; Harrison, Melissa[Harrison.Melissa@epa.gov]; Yogi, David[Yogi.David@epa.gov]; Harris-Bishop, Rusty[Harris-Bishop.Rusty@epa.gov]  
**From:** Grantham, Nancy  
**Sent:** Sat 8/29/2015 4:58:00 PM  
**Subject:** RE: University of Arizona Gold King Mine Spill Fact Sheet

As it is a public document – think it fine to send to our partners – however it is not likely that we would link to it .

Others, please weigh in if you disagree.

Thanks ng

**From:** Guria, Peter  
**Sent:** Saturday, August 29, 2015 12:49 PM  
**To:** Grantham, Nancy  
**Subject:** FW: University of Arizona Gold King Mine Spill Fact Sheet

I looked up the link to see if it was updated, but the pdf is still listed as draft; however, there is a link right off the UA Website.

[http://www.superfund.pharmacy.arizona.edu/sites/default/files/u43/gold\\_king\\_mine\\_spill\\_bulletin\\_draft\\_081915](http://www.superfund.pharmacy.arizona.edu/sites/default/files/u43/gold_king_mine_spill_bulletin_draft_081915.pdf)

**From:** Tenley, Clancy  
**Sent:** Thursday, August 27, 2015 4:21 PM  
**To:** Guria, Peter  
**Cc:** Meer, Daniel; Zito, Kelly; Yogi, David; Duncan, Will; Lawrence, Kathryn; Terada, Calvin; Keener, Bill; Lawrence, Kathryn; Glickfield, Gaelle  
**Subject:** Re: University of Arizona Gold King Mine Spill Fact Sheet

It is public but I am wondering if we can link to it. Are we linking from our web site to other web sites?

If not we could just forward to our Navajo contact list with the next update.

Re accuracy I think some of our folks provided feedback to them already and they have made changes.

Sent from my iPhone

On Aug 27, 2015, at 2:10 PM, "Guria, Peter" <[Guria.Peter@epa.gov](mailto:Guria.Peter@epa.gov)> wrote:

Got it yesterday and forwarded it to our PIO. I'll see if they have an issue, but isn't it public already? I recall there was some inaccurate info.

**From:** Tenley, Clancy

**Sent:** Thursday, August 27, 2015 10:21 AM

**To:** Guria, Peter

**Cc:** Meer, Daniel; Guria, Peter; Zito, Kelly; Yogi, David; Duncan, Will; Lawrence, Kathryn; Terada, Calvin; Keener, Bill

**Subject:** FW: University of Arizona Gold King Mine Spill Fact Sheet

Please check with Area Command to see if we can distribute or link to this U of A fact sheet. It provides an independent analysis which would be valuable to us for distribution at Navajo Nation.

Clancy Tenley

Assistant Director

Superfund Division

(415)972-3785

**From:** DHONT, JEFF

**Sent:** Thursday, August 27, 2015 9:44 AM

**To:** Tenley, Clancy; Meer, Daniel; Allen, HarryL; Hillenbrand, John; Yogi, David; Pease, Amanda; Hubbard, Secody; searles, zizi; Williams, Laurie; Duncan, Will; Lyons, John; Ball, Harold; Chilingaryan, Sona; DIAZ, ALEJANDRO; Parker, Heather; Nattis, Randy; Reeves, Linda; Ripperda, Mark; Jacobs, Sara; Poalinelli, Edwin; GLICKFIELD, GAELLE

**Subject:** University of Arizona Gold King Mine Spill Fact Sheet

[http://superfund.pharmacy.arizona.edu/sites/default/files/u43/gold\\_king\\_mine\\_spill\\_bulletin\\_draft\\_081915.pdf](http://superfund.pharmacy.arizona.edu/sites/default/files/u43/gold_king_mine_spill_bulletin_draft_081915.pdf)

Hello Colleagues,

For your information, at the link above you will find a community-oriented fact sheet that now appears on the University of Arizona Web site about the Gold King mine spill/release and its implications. U of A receives grant funding from the Superfund Research Program to which EPA contributes; it appears their Gold King work was done through their Cooperative Extension program which does many public outreach efforts.

You will note an extensive public outreach/explanatory effort in their fact sheet. They collected their own data from Cement Creek and the Rivers and presented it here, and their scientists made calculations of mass, concentrations, dilution ratios, etc. Their fact sheet discusses the Colorado River basin (and Yuma farming community) and theoretical receptors – beyond the San Juan River.

The fact sheet has public-friendly sections on:

- What happened in the accident

- Why is it yellow, and what is acid mine drainage?
- Sample results and what is in the leak? – specific values for contaminants, mass, etc.
- How far did the plume go? When? What are the dilution factors?
- What is the history of the mine?
- Who regulates these abandoned mines?
- Who might be impacted by the spill?
- A list of all the Tribes that are “downstream” (they don’t just include the Animas and San Juan but the Colorado and tribes as far away as southern California)
- What is being done to control the spill?
- Could the spill impact my family?
- What are Impacts to Yuma Farmers (again, via the Colorado) – as an example, they cite that “4 pounds of cadmium were released by the spill” ?
- Precautions when using River water
- More information and references

You may want to take a look at their effort; I am wondering whether the information they’ve provided comports with the public outreach fact sheets and information that EPA has released on the spill.

Jeff

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Jeffrey A. Dhont

Environmental Scientist / Superfund Project Manager

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